

I claim:

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1.

A system for coating particulate with at least one fluid, comprising:  
at least one container adapted to hold the at least one fluid;  
a blender having an inner chamber adapted to selectively receive the particulate and  
the at least one fluid;  
a supply line, adapted to carry the at least one fluid, having first and second end  
portions; said first end portion being operatively coupled with said at least one  
container;  
a return line, adapted to carry the at least one fluid, having first and second end  
portions; said first end portion being operatively coupled with the second end  
portion of said supply line; said second end portion of said return line being  
operatively coupled with said at least one container; said supply line and said  
return line forming a continuous loop for the selective circulation of the fluid away  
from and back to said at least one container;  
a pump for selectively forcing the fluid through said supply and return lines; and  
an output nozzle operatively coupled to the second end portion of said supply line and  
the first end portion of said return line; said output nozzle being positioned  
adjacent to and in selective fluid communication with said blender.

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2.

1      The system of claim 1 further comprising means operatively coupled to said container for heating said container and the fluid within said container to a desired temperature range.

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The system of claim 2 wherein said supply line is insulated.

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The system of claim 3 wherein said return line is insulated.

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15      The system of claim 1 further comprising a scale for supporting said container and determining the weight of said container and the fluid within said container.

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The system of claim 1 comprising a plurality of separate containers, each being adapted to hold the at least one fluid.

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20      The system of claim 6 further comprising a plurality of separate supply lines and a plurality of separate supply lines and a plurality of separate return lines.

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The system of claim 7 wherein each of said plurality of separate supply lines is operatively coupled with one of said plurality of separate return lines so that a plurality of separate continuous loops are formed.

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1      The system of claim 8 further comprising a plurality of pumps; each of said plurality of pumps being operatively coupled with one of said plurality of separate continuous loops to circulate the at least one fluid through said plurality of separate continuous loops.

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The system of claim 9 wherein each of said plurality of separate continuous loops is operatively coupled with one of said plurality of separate containers.

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10     The system of claim 10 wherein said output nozzle is operatively coupled to each of said plurality of separate continuous loops.

12.

15     The system of claim 11 further comprising a plurality of valves; each of said plurality of valves being operatively coupled to said output nozzle and at least one of said plurality of separate continuous loops so that one or more of said separate continuous loops can be selectively placed in open fluid communication with said output nozzle.

13.

20     The system of claim 12 further comprising means for heating said plurality of separate containers and the fluid within said plurality of separate containers.

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14.

1        The system of claim 13 wherein said plurality of separate supply lines are  
insulated.

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5        The system of claim 14 wherein said plurality of separate return lines are  
insulated.

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10      The system of claim 15 further comprising means for supporting said plurality of  
separate containers and determining the weight of the fluid within said plurality of  
separate containers.

17.

15      The system of claim 13 wherein one of said plurality of separate containers is  
filled with a cleaning fluid.

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